| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|--|---------------------|---------|------------------|
| S6 | 1 | (branch with mispredict\$4) same (exact adj converg\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/17 17:00 |
| S7 | 12445 | ("712").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/10 10:14 |
| S10 | | (exact adj convergence) and (branch with predict\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/10 09:58 |
| S11 | 179 | (converg\$5) and (branch with predict\$5) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/10 09:59 |
| S12 | 41 | S11 and S7 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/10 09:59 |
| S13 | 218 | branch with mispredict\$4 with penalt\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND . | ON | 2006/03/16 18:00 |
| S15 | 43 | branch with mispredict\$4 with penalt\$3 with reduc\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON . | 2006/03/10 10:01 |
| S16 | 16 | (branch with mispredict\$4 with penalt\$3).AB. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/10 10:03 |
| S19 | . 0 | a study of control independence in superscalar processors | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | with . | ON | 2006/03/10 10:16 |
| S20 | 0 | reducing branch misprediction penalties via dynamic control independence detection | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON | 2006/03/11 17:09 |

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|------------|------|--|--|--------|------|------------------|
| S21 | 669 | branch with control with independen\$4 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON | 2006/03/14 10:15 |
| S22 | 1810 | branch with mispredict\$4 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON | 2006/03/10 10:18 |
| S23 | | S21 same S22 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH . | ON . | 2006/03/10 10:23 |
| S24 | 1194 | skipper | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON | 2006/03/10 10:25 |
| S25 | 0 | S7 and S24 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON . | 2006/03/10 10:28 |
| S26 | 1509 | branch with (converg\$5 or reconverg\$5) | US:PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH . | ON | 2006/03/10 10:28 |
| S27 | | S26 and S7 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | . wітн | ON . | 2006/03/10 10:28 |
| S34 | 53 | (branch and mispredict\$5).TI. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON · | 2006/03/13 17:42 |
| S38 | 10 | (control with independen\$4) same (mispredict\$4 or (predict\$4 adj incorrect\$3)) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | WITH | ON | 2006/03/14 10:18 |
| S39 | . 10 | (branch with confiden\$4) and (branch adj target adj buffer) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON . | 2006/03/15 13:30 |

| C40 | 210 | hunnah with mionya dinta with | LIC DCDLID. | AND | ON | 2006/02/16 19:00 |
|-----|-----|---|--|-------|---------|------------------|
| S40 | 218 | branch with mispredict\$4 with penalt\$3 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AINU | ON | 2006/03/16 18:00 |
| S41 | 38 | S40 and scheduler | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/16 18:00 |
| S42 | 54 | (instruction scheduler).TI. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND · | ON | 2006/03/17 09:06 |
| S43 | 440 | (instruction scheduler).AB. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | AND | ON | 2006/03/17 08:21 |
| S45 | . 1 | branch prediction using selective branch inversion | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/17 09:08 |
| S46 | 0 | confidence estimation for branch prediction reversal | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | ADJ | ON , | 2006/03/17 09:08 |
| S47 | 6 | ("5564118" "5860017" "6055629" "6092187" "6484256" "6550004").PN. OR ("6918033"). URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/03/17 09:13 |
| S48 | 10 | (branch adj target adj buffer) and (branch with confiden\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2006/03/17 09:16 |
| S49 | 664 | (branch adj target adj buffers) | US-PGPUB; USPAT; USOCR | AND | ON | 2006/03/17 10:29 |
| S50 | 26 | (branch adj target adj buffer) and (alternat\$4 with target with buffer) | US-PGPUB; USPAT; USOCR | AND | ON | 2006/03/17 10:34 |
| S51 | 67 | (branch adj target adj buffer) with (plural\$4 or multipl\$4) | US-PGPUB; USPAT; USOCR | AND . | ON | 2006/03/17 10:37 |
| S53 | 5 | (branch adj target adj buffer) and (control adj independen\$3) | US-PGPUB; USPAT; USOCR | AND | ON | 2006/03/17 10:38 |

| S54 | 320 | (712/233).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 17:04 |
|-----|-----|-----------------|------------------------------|----|-----|------------------|
| S55 | 473 | (712/216).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 17:04 |